

Serial No.: 10/577,959
Examiner: Lee S. Cohen
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Amendments to the Claims:

This listing of claims will replace all prior versions, and listing, of claims in the application.

1. (Currently amended) A body-worn electrode apparatus comprising:
an electrode to be worn on a surface of a body; and
a wiring connected to the electrode,
at least a part of the wiring including: a base material film having a split induction part; and a circuit formed on a surface of the base material film into a shape detouring around the split induction part,
wherein the circuit includes at least a first segment and a second segment disposed substantially in parallel to each other at opposite positions across the split induction part, the second segment being sized to have a substantially same length and shape as the first segment, ~~and~~
wherein the split induction part includes a perforated break line, and
wherein an electrode base material film is provided on a surface of the electrode, and a ratio of a whole width of the base material film constituting a part of the wiring with respect to a whole width of the electrode base material film is within a range of 0.8 to 1.5.
2. (Original) The body-worn electrode apparatus according to claim 1,
wherein the circuit is printed on the base material film.
3. (Previously presented) The body-worn electrode apparatus according to claim 1,
wherein at least a part of the wiring further includes a first soft member,
the base material film is disposed on the first soft member, and the first soft member includes a split induction part along the split induction part of the base material film.
4. (Original) The body-worn electrode apparatus according to claim 3,

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wherein a second soft member is further laminated on the circuit, and the first soft member and the second soft member are disposed on outermost surfaces of the wiring.

5. (Canceled)
6. (Previously presented) The body-worn electrode apparatus according to claim 1, wherein the circuit detouring around the split induction part is formed within a range of a horizontal to vertical ratio of 2 or less.
- 7-8. (Canceled)
9. (Previously presented) The body-worn electrode apparatus according to claim 1, wherein breaking strength of the perforated break line is from 0.2 to 5.0 N per perforation.
10. (Previously presented) The body-worn electrode apparatus according to claim 3, wherein the soft member includes at least one selected from the group consisting of a nonwoven fabric, a foamed material, an olefin film, a vinyl chloride film, and a polyurethane film.
11. (Currently amended) A body-worn electrode apparatus comprising:
an electrode to be worn on a surface of a body; and
a wiring connected to the electrode,
at least a part of the wiring including: a base material film having a split induction part; and a circuit formed on a surface of the base material film into a shape detouring around the split induction part,
wherein at least a part of the wiring further includes a first soft member, the base material film is disposed on the first soft member, and the first soft member includes a split induction part along the split induction part of the base material film,

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wherein a second soft member is further laminated on the circuit, and the first soft member and the second soft member are disposed on outermost surfaces of the wiring,
and

wherein one of the first and second soft members includes at least one selected from the group consisting of a nonwoven fabric, a foamed material, an olefin film, a vinyl chloride film, and a polyurethane film, and

wherein an electrode base material film is provided on a surface of the electrode, and a ratio of a whole width of the base material film constituting a part of the wiring with respect to a whole width of the electrode base material film is within a range of 0.8 to 1.5.